



## State of Vermont

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~~December 3, 2001~~

*April 12, 2002*

Ms. Genie Robbins  
Town of Braintree  
RFD 2 Box 203  
Randolph, Vermont 05060

RE: Site Management Activity Completed at the Braintree Town Garage, Braintree, Vermont (SMS # 97-2136)

Dear Ms. Robbins:

The Sites Management Section (SMS) has completed a file review, for the above referenced site, referencing the contamination discovered during the removal of one (1) 1,000 gallon diesel fuel underground storage tank (UST), one (1) 300 gallon gasoline UST, and one (1) 500 gallon diesel fuel UST, at the Braintree Town Garage, Route 12A, Braintree, Vermont. With this information the SMS can now make the following determination:

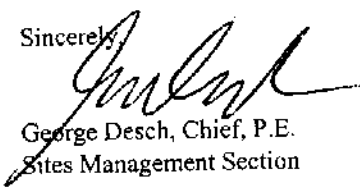
- On January 9, 1997 petroleum contaminated soils were encountered during the removal of one (1) 1,000 gallon diesel fuel UST (UST #1), one (1) 300 gallon gasoline UST (UST #2) and one (1) 500 gallon diesel fuel UST (UST #3).
- During site activities, approximately 21 cubic yards of petroleum contaminated soils were removed from the excavation and polyencapsulated on-site. All soils with photoionization meter (PID) readings above 10 parts per million (ppm) were removed from the excavation. Approximately 71 cubic yards were backfilled at the end of the UST removal program. The limits of soil contamination were not defined.
- Screened soils from the bottom of the excavation beneath UST #2, at a depth of approximately 14.0 feet, had peak volatile organic compound (VOCs) concentrations up to 98 parts per million (ppm) as measured by a PID.
- No groundwater was encountered at a (maximum) depth of approximately 14.0 feet below ground surface (fbgs), and no free product or bedrock was observed to depth.
- Water samples were collected for laboratory analyses from the on-site water supply well and a private water supply well, located approximately 80 feet south of the tank pull area. No analytical results were reported at that time.
- The SMS approved a expressway site investigation on February 10, 1997.
- On March 17, 1997, four (4) soil borings were advanced at the site. Two temporary monitoring wells were installed in SB-2 and SB-4. Soil samples obtained from the borings were screened for VOCs with a PID. No soil sample exhibited elevated VOC concentrations.
- A soil sample was collected, at an approximate depth of 19 to 20 feet below ground surface, in SB-3 for laboratory analysis, using EPA method 8100. The laboratory analysis indicated that total petroleum hydrocarbon (TPH) concentrations in the sample were below the laboratory's practical quantitation limit.

- Groundwater samples collected from SB-2 and SB-4 were analyzed using EPA Method 8100-TPH analyses. The lab analysis indicated that the groundwater samples were not impacted by the release from the USTs.
- In a phone conversation on April 22, 1998, the SMS was informed that the soils stockpile remained polyencapsulated on-site, and would soon be tested.
- In a letter dated March 20, 2001, Mr. Seth Pitkin, Senior Hydrogeologist for Stone Environmental, Inc., confirmed that the soil stockpile had been dismantled and spread in a former gravel pit, approximately one mile from the site, in the fall of 1998.
- In response to a August 8, 2001 phone call from Ms. Genie Robbins, the SMS requested the analytical results from the water samples obtained from the on-site supply well and neighboring supply well.
- Groundwater analytical results from January 1997, provided in a November 26, 2001 letter from Mr. Mike Rossi, of Stone Environmental, Inc., indicated that using EPA Method 8020, all targeted VOC compounds were non-detect.
- No unacceptable risk to human health and the environment is present due to the residual contamination remaining in the ground from the contaminated soils encountered during the removal of one (1) 1,000 gallon diesel fuel UST, one (1) 300 gallon gasoline UST and one (1) 500 gallon diesel fuel oil UST, at the Braintree Town Garage, in January of 1997.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation will not release the Braintree Town Garage from any past or future liability associated with the petroleum contamination at the site. It does, however, mean the SMS is not requesting any additional work in response to the UST removal from the Braintree Town Garage in January of 1997.

Please feel free to call with any questions. I can be reached at (802) 241-3491.

Sincerely,

  
George Desch, Chief, P.E.  
Sites Management Section

cc: DEC Regional Office  
Michael Rossi, Stone Environmental, Inc.